

IN THE CLAIMS

Please amend the claims as follows, substituting any amended claim(s) for the corresponding pending claim(s):

1           1.       (Currently amended) A method in a network for wireless communications for pushing  
2 data through a data packet network utilizing a dynamic addressing scheme, comprising:  
3           transmitting, from a push server to a domain name server ("DNS") DNS, a look up signal for a  
4 specified domain name;  
5           transmitting a reservation signal from the DNS to a dynamic host configuration protocol  
6 ("DHCP") server to prompt the DHCP server to reserve a dynamic Internet Protocol ("IP") address that  
7 pertains to the specified domain name, wherein the specified domain name corresponds to a mobile  
8 terminal;  
9           ~~transmitting, at the push server, the~~ receiving the reserved dynamic IP address to the ~~at the push~~  
10 server; and  
11           activating a context, based upon the reserved dynamic IP address, through the data packet  
12 network.

1           2.       (Cancelled)

1           3.       (Currently amended) The method of ~~claim 2~~ claim 1 further including the step of  
2 transmitting a ~~reserved~~ the reserved dynamic IP address for a ~~mobile~~ the mobile terminal that corresponds  
3 to the specified domain name from the DHCP server to the DNS.

1           4.       (Original) The method of claim 3 further including the step of transmitting the reserved  
2 dynamic IP address from the DNS to the push server after receiving a signal requesting that a dynamic IP  
3 address be reserved.

1           5.       (Currently amended) The method of ~~claim 5~~ claim 4 wherein the received signal  
2 requesting that a dynamic IP address be reserved is in the form of a DNS lookup request signal.

1           6.       (Currently amended) The method of claim 1 wherein the step of activating a context  
2 includes the step, in a Gateway GPRS Support Node ("GGSN") GGSN, of receiving push data for a  
3 ~~mobile terminal~~ the mobile terminal and also receiving the reserved dynamic IP address from the push  
4 server.

1           7.       (Original) The method of claim 6 further including the step of transmitting the reserved  
2 IP address to a DHCP server to obtain a mobile station ID.

1           8.       (Currently amended) The method of ~~claim 8~~ claim 7 further including the step of  
2 transmitting the received mobile station ID from the DHCP server to a home location register to  
3 determine the identity of a serving GPRS support node whereby the context activation is established with  
4 the identified serving GPRS support node.

1           9.       (Currently amended) A method in a Gateway GPRS Support Node ("GGSN") for  
2 pushing data through a data packet network utilizing a dynamic addressing scheme, comprising:  
3           receiving a reserved ~~dynamic IP address~~ dynamic Internet Protocol ("IP") address and push data  
4 from ~~push server~~ a push server;  
5           transmitting a request for ~~ID~~ identification ("ID") information to a ~~DHCP~~ dynamic host  
6 configuration protocol ("DHCP") server relating to the reserved dynamic IP address;  
7           receiving the requested ID information; and  
8           activating a context through the data packet network so that the push data may be transmitted to  
9 its destination having the reserved dynamic IP address.

1           10.       (Currently amended) The method of claim 9 further including the step of transmitting a  
2 request to an ~~HLR~~ home location register ("HLR") to identify a serving GPRS support node that is  
3 presently serving ~~the mobile terminal~~ the destination for which the reserved dynamic IP address was  
4 reserved and to which the requested ID information corresponds.

1           11.       (Original) The method of claim 10 further including the step of activating the context and  
2 transmitting the push data to the identified serving GPRS support node.

1           12.     (Currently amended) A gateway GPRS support node ("GGSN"), comprising:  
2           circuitry for receiving push data ~~in relation to a reserved dynamic IP address~~ in a data packet  
3 ~~network, wherein the push data includes a reserved dynamic Internet Protocol ("IP") address;~~ and  
4           circuitry for prompting a ~~DHCP~~ dynamic host configuration protocol ("DHCP") server to provide  
5 ~~ID~~ identification ("ID") information that corresponds to the reserved dynamic IP address prior to a  
6 context being activated.

1           13.     (Currently amended) The GGSN of claim 12 further including circuitry for delaying the  
2 activation of ~~context~~ the context until the ID information is received from the DHCP server.

1           14.     (Currently amended) The GGSN of claim 12 further including circuitry for generating a  
2 request to a home location register to request the identity of a serving GPRS support node ("SGSN") that  
3 is presently supporting the destination mobile terminal for the push data.

1           15.     (Currently amended) The GGSN of ~~claim 12~~ claim 14 further including circuitry for  
2 delaying the activation of context until a response is received from the home location register identifying  
3 the SGSN.

1           16.     (Currently amended) A domain name server, comprising:  
2           circuitry for receiving a domain name lookup request from a push server to determine an IP  
3 address that corresponds to a received domain name; and  
4           circuitry for transmitting a request to a ~~DHCP~~ dynamic host configuration protocol ("DHCP")  
5 server to prompt it to temporarily reserve a dynamic ~~IP address~~ Internet Protocol ("IP") address for  
6 delivery of push data to a mobile terminal.

1           17.     (Original) The domain name server of claim 16 further including circuitry for receiving a  
2 reserved dynamic IP address from the DHCP server that corresponds to the received domain name.

1           18.     (Original) The domain name server of claim 17 further including logic to generate the  
2 received reserved dynamic IP address to the push server.